TASK GROUPING IN A
DISTRIBUTED PROCESSING FRAMEWORK SYSTEM
AND METHODS FOR IMPLEMENTING THE SAME

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ABSTRACT OF THE DISCLOSURE

A method for executing processing tasks in a distributed processing framework system is provided. The method includes identifying a main task of a tasklist and identifying a subtask of the main task. Also included is allocating computing

10 resources for each of the main task and the subtask. The method further includes deploying the main task to a first computing system that is part of the distributed processing framework system. A code of the main task is executed on the first computing system. The code of the main task has program instructions for requesting loading of code for the subtask to a second computing system. The second computing

15 system is part of the allocated computing resources. The code for the subtask is in client-server communication with the code for the main task, such that the code for the main task receives processing results directly from the code for the subtask.